

Multiplying decimals by whole numbers

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY

NUMBER

★ STRETCH PROBLEMS

- 1 Mr Ó Briain orders **35** boxes of pencils for the classroom store at the start of the year. Each box holds **85** pencils. How many pencils does he order in total?
- 2 Cara's 5th class watches the bird-feeder at the classroom window every school day. On average, **29** small birds visit the feeder each day, and the class counts for **97** school days in total. How many bird visits does the class record altogether?
- 3 The canteen at Niamh's school sells **29** lunch trays each day. Over the term, the canteen is open for **69** school days. How many lunch trays are sold altogether?
- 4 5th class are travelling to the Cliffs of Moher on a school tour. The coach covers **70.5 km** in each hour and the journey takes **5 hours**. How far does the coach travel in total?
- 5 Saoirse is making sandwiches for the 5th class picnic in Phoenix Park. Each sandwich uses **26.1 grams** of cheese, and she needs to make **7** sandwiches. How much cheese does she need in total?



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

